

In the claims:

Claim 1. (currently amended) A method to create some a structure from thea knowledge base of an organization, the knowledge base being part of a system comprising a document database (DB) and queries submitted by users concerning the documents, wherein the method performs monitoring definitive and decisive matching and grouping the queries into clusterings procedures to enable analysis of the ideas knowledge base of the organization; the method comprising: Submission of submitting by the users in the organization of an hierarchical queries having weighted characteristics;

10 recording the queriesdetails of the organization, comprising saving submitter and organization information comprising at least:

15 job title;
department name; and
employee contact references comprising at least email address and level of security authorization;

20 comparing queries using a weight metrix generated by a distance function; and
clustering of the queries into a semantic structure based on said weight matrix, by grouping said queries into a 'prioritized structure' based on the comparison of a location of a word in said query to the location of the same word in another query; and
rating of a new query relative to the nearest of said clusters, wherein said new queries can be evaluated in one of real-time and periodically, to determine whether to one of: add said query to an existing cluster; and form a separate "satellite" cluster.

Claim 2. (currently amended) The method according to claim 1, further comprising:

25 periodically updating the gathering of data of said newly submitted queries and resulting documents into a sum total of data elements for the organization;

30 entering said sum total in the organization DB without prior categorization of it by subject matter;
instantly performing a matching procedure of assembling queries and documents keywords into clusters;
categorizing said newly submitted queries according to a continuously updated list of categories; and
repeatedly redefining categories and clusters according to new queries and documents.

Claim 3. (original) The method according to claim 2, comprising the steps of: **gathering** data into the organization DB; **generating** a vector structure of the data; and **using** the vector structure in order to form semantic familiarities (clustering words, i.e., "connections").

5 Claim 4. (original) The method according to claim 2, further comprising **enhancing** the queries for later pre-processing of the data, in order to best exploit the latter element of method 3.

10 Claim 5. (currently amended) The method according to claim 4, wherein enhancing comprises: **enhancing** words appearing in queries by multiplying the number of appearances with a constant; **comparing** the distribution of a word within the organization DB and its distribution in NaturalCommon Language (NL)(CL); and **weighting** words appearances in the DB and the queries relative to appearances in the (NL)(CL).

15 Claim 6. (original) The method according to claim 4, further comprising **clustering** the data.

20 Claim 7. (original) The method according to claim 6, wherein clustering the data comprises: **using** information theories in order to assemble and represent the data; **using** queries as prior knowledge for the algorithms processing the data; clustering data (agglomerative, sequential clustering); and **using** queries as a predisposed factor, thereby replacing the random factor when performing clustering.

25 Claim 8. (original) The method according to claim 6, further comprising **using** queries' data for searching information (implementing a search engine).

30 Claim 9. (original) The method according to claim 8, comprising the steps of: **searching** information using the queries' structure (clusters); **presenting** queries' structure with respect to a new query (when a user presents a new query, the system rates the nearest clusters according to the new query); and **presenting** submitted queries in order to facilitate the submission of a new query.

35 Claim 10. (original) The method according to claim 8, further comprising **using** the queries structure to create an organization map.

Claim 11. (original) The method according to claim 11, wherein using the queries structure to create an organization map comprises: developing a method that facilitates the designation of

experts concerning the requested data; and providing a graphical organization map of the data occurrences and the experts.